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**From:** Alibrando, Dorothy [Dorothy.Alibrando@dep.nj.gov]  
**Sent:** 1/26/2016 6:02:27 PM  
**To:** 'Thomas.Simones@maine.gov'; 'helen.goeden@state.mn.us'; 'cooper@aesop.rutgers.edu'; 'suzanne.fenton@nih.gov'; 'donohue.joyce@epa.gov'; 'lindstrom.andrew@epa.gov'; 'Lau.Christopher@epa.gov'; 'gvanorden@hanovertownship.com'; Ex. 6 - Personal Privacy [MacGillivray, Ron [Ron.MacGillivray@drbc.nj.gov]; 'lcummings@smcmua.org'; 'CTStorms@aquaamerica.com'; 'sheng-lu.soong@unitedwater.com'; 'anthony.matarazzo@amwater.com'; 'nnelson@vannoteharvey.com'  
**CC:** 'georgevo57@optonline.net'; 'Tina.Fan@doh.state.nj.us'; 'bahman.parsa@doh.state.nj.us'; 'jessie.gleason@doh.state.nj.us'  
**Subject:** PFCs - PubMed alert thru 12/31/2015  
**Attachments:** PFCsDec2015.txt

Attached is the copy you need if you are using End/Note.

76 references in order from "Anal Chim Acta" to "Water Res" from 12/1 to 12/31/2015

1.

Ultraviolet irradiation-induced substitution of fluorine with hydroxyl radical for **mass spectrometric analysis of perfluoroctane sulfonyl fluoride**.

Wang P, Tang X, Huang L, Kang J, Zhong H.

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**Perfluoroalkyl Acid Concentrations** in Livers of Fox (*Vulpes vulpes*) and Chamois (*Rupicapra rupicapra*) from Germany and Austria.

Riebe RA, Falk S, Georgii S, et al

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Carbon-carbon bond cleavage for Cu-mediated **aromatic trifluoromethylations** and **pentafluoroethylations**.

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**A (pentafluoroethyl)(trifluoromethyl)carbene complex** of iridium and reductive activation of its sp<sup>3</sup>α, β, and γ carbon-fluorine bonds to give **perfluoro-2-butyne**, **perfluoro-1,2,3-butatriene** and **perfluoro-1-irida-2-methyl-2-cyclobutene**) complexes.

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*Environ Health Perspect.* 2015 Dec;123(12):1325-30. doi: 10.1289/ehp.1408847.

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Qian Y, Guo X, Zhang Y, et al

*Environ Sci Technol.* 2016 Jan 19;50(2):772-81. doi: 10.1021/acs.est.5b03715. Epub 2015 Dec 30.

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Chu S, Letcher RJ, McGoldrick DJ, Backus SM  
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Dong H, Curran I, Williams A, et al

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Zafeiraki E, Costopoulou D, Vassiliadou I, et al

*Food Addit Contam Part A Chem Anal Control Expo Risk Assess.* 2015 Dec;32(12):2048-57. doi:

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Kim M, Park MS, Son J, et al

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48. **Perfluorooctane Sulfonate Plasma Half-Life Determination and Long-Term Tissue Distribution in Beef Cattle (*Bos taurus*)**

Lupton SJ, Dearfield KL, Johnston JJ, et al

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49. **Perfluoroalkyl Cobalt(III) Fluoride and Bis(perfluoroalkyl) Complexes: Catalytic Fluorination and Selective Difluorocarbene Formation.**

Leclerc MC, Bayne JM, Lee GM, et al

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Zhu J, Qian W, Wang Y, et al

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*J Colloid Interface Sci.* 2015 Dec 15;460:290-302. doi: 10.1016/j.jcis.2015.08.069.

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Meng L, Yang S, Feng M, et al

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Rodriguez-Freire L, Balachandran R, Sierra-Alvarez R, Keswani M.

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Shan G, Chen X, Zhu L

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Yang B, Jiang C, Yu G, et al

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Proteomic analysis of cell proliferation in a human hepatic cell line (HL-7702) induced by **perfluorooctane sulfonate** using iTRAQ.

Cui R, Zhang H, Guo X, Cui Q, et al

*J Hazard Mater.* 2015 Dec 15;299:361-70. doi: 10.1016/j.jhazmat.2015.06.031.

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Synthesis of platinum complexes with 2-(**5-perfluoroalkyl-1,2,4-oxadiazol-3yl**)-pyridine and 2-(**3-perfluoroalkyl-1-methyl-1,2,4-triazole-5yl**)-pyridine ligands and their in vitro antitumor activity.

Rubino S, Pibiri I, Costantino C, et al

*J Inorg Biochem.* 2016 Feb;155:92-100. doi: 10.1016/j.jinorgbio.2015.11.020. Epub 2015 Dec 1.

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**Synthesis of Perfluorinated Isoquinolinediones** through Visible-Light-Induced Cyclization of Alkenes.

Tang S, Deng YL, Li J, Wang WX, et al

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Radical Reactions of Alkyl 2-Bromo-2,2-difluoroacetates with Vinyl Ethers: "Omitted" Examples and Application for the Synthesis of **3,3-Difluoro-GABA**.

Kondratov IS, Bugera MY, Tolmachova NA, et al

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**Levels and spatial distribution of perfluoroalkyl substances** in China Liaodong Bay basin with concentrated fluorine industry parks.

Chen H, Zhang C, Han J, et al

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**Photocatalytic fluoroalkylation reactions of organic compounds.**

Barata-Vallejo S, Bonesi SM, Postigo A

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Ye Z, Gettys KE, Shen X, Dai M

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63. Metabolic Profiling of Chicken Embryos **Exposed to Perfluorooctanoic Acid (PFOA)** and Agonists to Peroxisome Proliferator-Activated Receptors.

Mattsson A, Kärrman A, Pinto R, Brunström B.

PLoS One. 2015 Dec 1;10(12):e0143780. doi: 10.1371/journal.pone.0143780.

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**Bioaccumulation of perfluorinated carboxylates and sulfonates and polychlorinated biphenyls** in laboratory-cultured *Hexagenia spp.*, *Lumbriculus variegatus* and *Pimephales promelas* from field-collected sediments.

Prosser RS, Mahon K, Sibley PK, et al

Sci Total Environ. 2016 Feb 1;543(Pt A):715-26. doi: 10.1016/j.scitotenv.2015.11.062.

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Motas Guzmàn M, Clementini C, Pérez-Cárceles MD, et al

Sci Total Environ. 2015 Dec 9;544:595-600. doi: 10.1016/j.scitotenv.2015.11.059.

PMID: 26674688

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**Evaluating the impact of a fluoropolymer plant on a river macrobenthic community** by a combined chemical, ecological and genetic approach.

Rusconi M, Marziali L, Stefani F, et al

Sci Total Environ. 2015 Dec 15;538:654-63. doi: 10.1016/j.scitotenv.2015.08.086.

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**Perfluorinated sulfonate and carboxylate compounds** and precursors in herring gull eggs from across the Laurentian Great Lakes of North America: Temporal and recent spatial comparisons and exposure implications.

Letcher RJ, Su G, Moore JN, et al

*Sci Total Environ.* 2015 Dec 15;538:468-77. doi: 10.1016/j.scitotenv.2015.08.083.

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Application of physiologically-based pharmacokinetic modeling to explore the role of kidney transporters in renal reabsorption of **perfluorooctanoic acid in the rat**.

Worley RR, Fisher J.

*Toxicol Appl Pharmacol.* 2015 Dec 15;289(3):428-41. doi: 10.1016/j.taap.2015.10.017.

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Chronic Exposure of Female Mice to an **Environmental Level of Perfluorooctane Sulfonate** Suppresses Estrogen Synthesis Through Reduced Histone H3K14 Acetylation of the StAR Promoter Leading to Deficits in Follicular Development and Ovulation.

Feng X, Wang X, Cao X, Xia Y, Zhou R, Chen L.

*Toxicol Sci.* 2015 Dec;148(2):368-79. doi: 10.1093/toxsci/kfv197.

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Use of strong anion exchange resins for the **removal of perfluoroalkylated substances from contaminated drinking water** in batch and continuous pilot plants.

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*Water Res.* 2015 Dec 30;91:137-146. doi: 10.1016/j.watres.2015.12.039. [Epub ahead of print]

PMID: 26774262

*Dorothy M. Alibrando, MLS*

*Research Librarian*

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